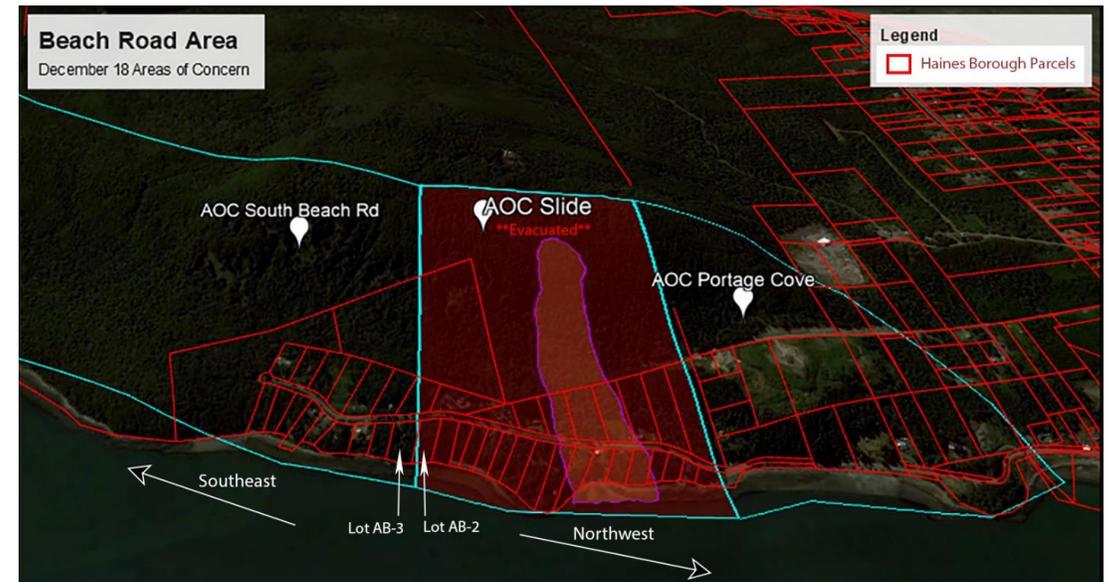


AOC Beach Road

The AOC Beach Road Slide area remains an area of elevated concern with an unknown degree of instability. The bedrock crack feature above the slide has created a complex, hazardous situation. Groundwater well pressure also remains elevated above normal.

The slide area requires further study before responsible decisions can be made regarding access and occupancy for the adjacent residences. Until additional information is collected on the stability of the fractured rock mass, one must consider freeze/thaw activity, heavy rain, snow load, seismicity, high winds shaking trees, and other factors as potentially capable of triggering a new slide with NO advance warning.



Beach Road Geotechnical Assessment

The Haines Borough and EOC have been working with Alaska DNR(DGGS) and DOT through the State EOC to develop a Request for Proposals to further assess the Beach Road slide area. The RFP document is available at: <https://aws.state.ak.us/OnlinePublicNotices/Notices/View.aspx?id=200897>

This is an expedited process due to the state of emergency, SAR suspension and displaced residents. Bids are due January 5th and contract negotiations will begin immediately thereafter. This specialty geotechnical assessment will provide data on site safety to allow the Haines Borough and EOC to make decisions on resuming SAR activities, allowing re-occupancy of homes, reconnecting impacted utilities, and reestablishing the roadway connection to residential properties and State Park. A timeline for the study will be available once contract negotiations are complete. A winter site visit will be scheduled, and a recommendation report will be issued for the construction of any slope mitigation or monitoring system selected.

AOC Slump

MONITOR FOR FUTURE CONCERN

Conditions in AOC Slump have stabilized, and the area alert is being downgraded from 'Elevated' to 'Monitor for Future Concern'.

- Groundwater pressures observed in monitoring wells have continued to decrease or are at steady state
- Flows observed in seeps/springs are reduced
- Repeated theodolite measurements on Lutak Road showed no movement
- There is no new evidence of movement in structures

GeoTeam Area of Concern

December 24th, 2020

AOC Highland

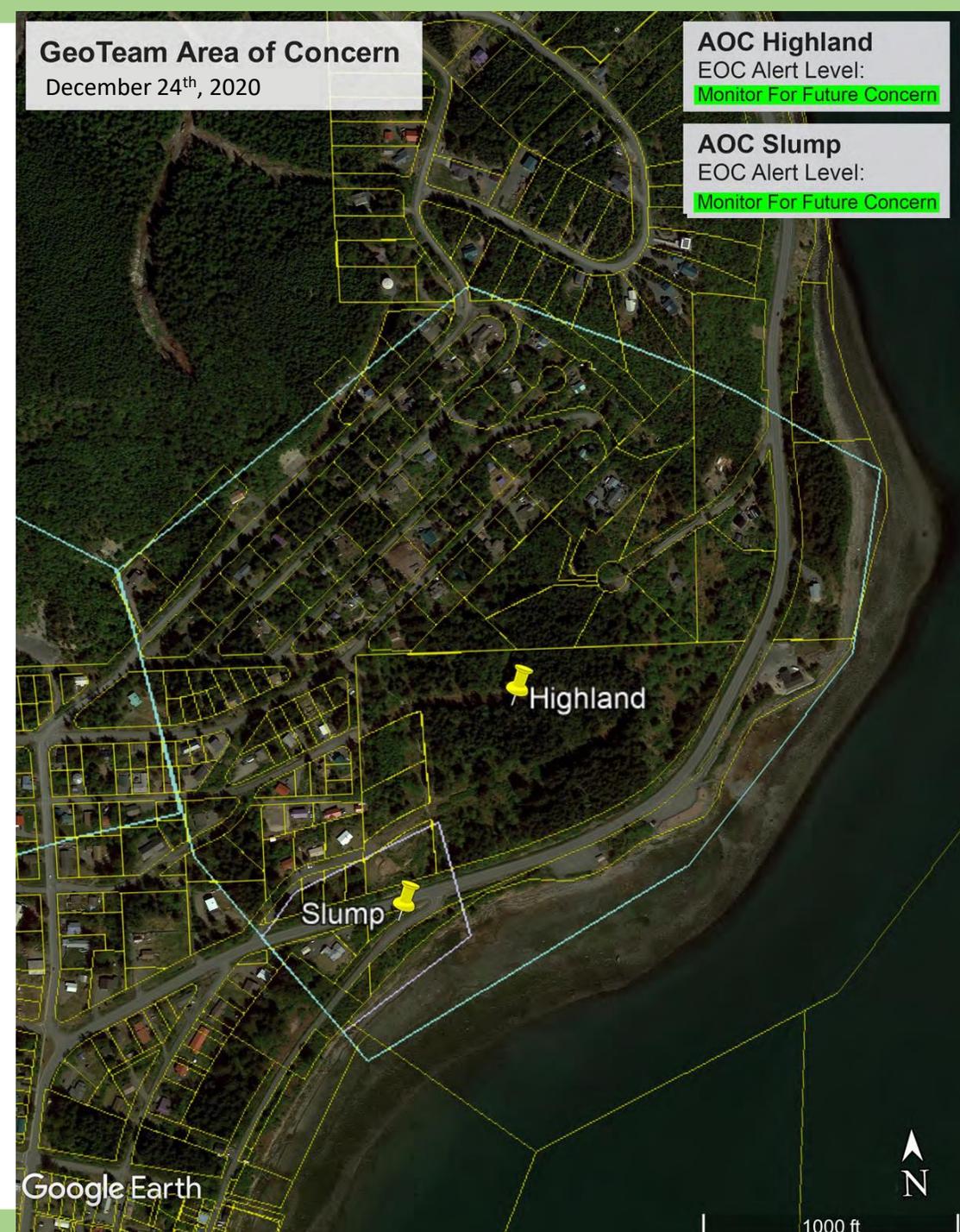
EOC Alert Level:

Monitor For Future Concern

AOC Slump

EOC Alert Level:

Monitor For Future Concern



Monitor for Future Concern – What does this mean?

- The extraordinary December 2020 weather event has passed, and water flows and pressures have stabilized for all areas, except AOC Beach Road. This means we have returned to normal, background (pre-event) hazard levels and can focus on damage assessment and recovery efforts in these areas. As our climate changes, we may see more extraordinary events, however, it is still very unlikely to see an event like we had in December 2020.
- Fresh debris flow and slide areas are susceptible to future instabilities, especially until they have a chance to revegetate. Please keep an eye on these areas during heavy rainfall, seismic events, and freeze/thaw conditions.
- Monitor the National Weather Service updates. Heed the warnings. When you hear of a flood watch, check your property and surrounding areas. Are the culverts full of snow or debris? Can areas be cleared for runoff?
- You can help monitor storm conditions around town with the Mountain Hub App:
<https://www.hainesalaska.gov/community/mountain-hub>

EOC Geo Team Activities

- The Geo Team is working toward a January Townhall that will provide a Borough-wide review and update on the Dec 2020 event and next steps.
- If you have a degree in geology, geography, geotechnical engineering, hydrology or similar field and would like to be on a call list for any future Geo Team volunteer work, please email EOCgeoteam@haines.ak.us and someone will follow up with you to gather more information.